

**Standing order and instructions to nursing staff in the Kangaroo Mother Care and Neonatal unit at Kalafong hospital for the instillation of Cyclomydril eyedrops in babies' eyes, who undergo funduscopy screening to exclude retinopathy of prematurity.**

**Screening for retinopathy of prematurity**

This screening must be done on all babies who were born with a birth weight < 1500g or have a gestational age less than 32 weeks. The first screening examination should be done **when the baby is 6 weeks old**. Every Friday morning an ophthalmologist evaluates the babies' eyes at an eye clinic, which is held in the KMC unit.

In order for the ophthalmologist to perform a proper evaluation of the babies' eyes their pupils have to be dilated using **Cyclomydril eye drops**.

**Cyclomydril** – each 1 ml contains:

Cyclopentolate hydrochloride	2 mg
Phenylephrine hydrochloride	10 mg
Preserved with 0,01% benzalkonium chloride	

**Indications for use:** To produce a rapid and profound mydriasis (widening) of the irises (pupils) for funduscopy examination.

**Dosage and directions of Cyclomydril eye drops for use in the KMC unit:**

For funduscopy, instill one drop in each eye every 5 -10 minutes not exceeding 3 times. This will produce rapid mydriasis (after 30 minutes), permitting ready visual access to the fundus. Heavily pigmented irises may require larger doses or 4 instillations. Write the date on the eye drops container when it is used for the first time. Containers older than 30 days should be discarded.

**Special precautions and possible side effects**

To minimize absorption in premature and small infants, apply pressure over the nasolacrimal sac for 2-3 minutes after instillation. NB! Observe infants closely. These eye drops may cause apnoeic episodes in premature babies and special attention must be given to them for 30 minutes after instillation of the drops. **NB Keep the resuscitation trolley close by!** Medical treatment in case of severe manifestations of toxicity is to give Neostigmine (0,5 mg/ml) 0,1ml IM or IV in infants weighing less than 2,5kg.

This standing order will be updated after 3 years or when necessary.

Signed:

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Dr Elise van Rooyen,  
Head of the KMC unit

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